

## CHECKLIST ENVIRONMENTAL ASSESSMENT

<b>Project Name:</b>	3 - Easement Applications Buried fiber optic cable.		
<b>Proposed Implementation Date:</b>	Summer/Fall 2018		
<b>Proponent:</b>	Northern Telephone Cooperative, Inc., PO Box 190, Sunburst, MT 59482		
<b>Location:</b>	34N, 2W, Sec 5	W2NW4	
	35N, 2W, Sec 21	NE4NE4	
	35N, 2W, Sec 16	N2N2, E2E2	
<b>County:</b>	Toole		
<b>Trust:</b>	Capitol Buildings (CB) and Common Schools (CS)		

### I. TYPE AND PURPOSE OF ACTION

Northern Telephone Cooperative, Inc. has requested to install a buried fiber optic cable to serve toll and distribution facilities and services across one tract of state land. The proposed easement route is located along the Bobcat Angus Road. The fiber optic cable will be buried 42" deep and will be installed using a static plow.

Township	Range	Section	Fiber Optic Cable Location	Acres Affected	Trust
34N	2W	5	W2NW4	1.21	CB
35N	2W	21	NE4NE4	.606	CB
35N	2W	16	N2N2, E2E2	4.258	CS

### II. PROJECT DEVELOPMENT

#### 1. PUBLIC INVOLVEMENT, AGENCIES, GROUPS OR INDIVIDUALS CONTACTED:

*Provide a brief chronology of the scoping and ongoing involvement for this project.*

Northern Telephone Cooperative, Inc.-Proponent  
DNRC-Surface Owner  
Dan Roark-Surface Lessee, Lease #8247 & 4679  
Hales Scalease-Surface Lessee #102217

#### 2. OTHER GOVERNMENTAL AGENCIES WITH JURISDICTION, LIST OF PERMITS NEEDED:

DNRC is not aware of any other agencies with jurisdiction or other permits needed to complete this project.

#### 3. ALTERNATIVES CONSIDERED:

Alternative A (No Action) – Deny Northern Telephone Cooperative, Inc. the requested easements and permission to install the buried fiber optic cables.

Alternative B (the Proposed action) – Grant Northern Telephone Cooperative, Inc. the requested easements and permission to install the buried fiber optic cables.

### III. IMPACTS ON THE PHYSICAL ENVIRONMENT

- *RESOURCES* potentially impacted are listed on the form, followed by common issues that would be considered.
- Explain *POTENTIAL IMPACTS AND MITIGATIONS* following each resource heading.
- Enter "NONE" if no impacts are identified or the resource is not present.

#### 4. GEOLOGY AND SOIL QUALITY, STABILITY AND MOISTURE:

*Consider the presence of fragile, compactable or unstable soils. Identify unusual geologic features. Specify any special reclamation considerations. Identify any cumulative impacts to soils.*

Soils at the proposed project sites are silty to clayey in texture. The topography is gently rolling and the fiber optic cable will be installed adjacent to existing county roads road. The soils and slopes are generally suitable for the installation of the buried fiber optic cable. Equipment will cause localized areas of soil compaction and will disturb the soil were the buried fiber optic cable is being placed. All disturbed areas will be reclaimed by leveling, packing and reseeding the disturbed areas. Cumulative impacts on soil resources are not expected as the use of a static plow will minimize the surface disturbance caused by the construction project.

#### 5. WATER QUALITY, QUANTITY AND DISTRIBUTION:

*Identify important surface or groundwater resources. Consider the potential for violation of ambient water quality standards, drinking water maximum contaminant levels, or degradation of water quality. Identify cumulative effects to water resources.*

Water rights, water quality and water quantity will not be impacted by the proposed project.

#### 6. AIR QUALITY:

*What pollutants or particulate would be produced? Identify air quality regulations or zones (e.g. Class I air shed) the project would influence. Identify cumulative effects to air quality.*

The proposed action will not impact the air quality.

#### 7. VEGETATION COVER, QUANTITY AND QUALITY:

*What changes would the action cause to vegetative communities? Consider rare plants or cover types that would be affected. Identify cumulative effects to vegetation.*

Vegetation in the project area is a mixture of native rangeland and tame pasture. Vegetation will be minimally impacted from the installation of the fiber optics cable. Noxious and annual weeds within the proposed construction areas are a concern, but this concern will be mitigated by the applicants required weed control after installation. Cumulative impacts on the vegetative resources are not expected as the proposed construction areas will be reclaimed and reseeded. The reseeding mixture will consist of a grass seed mixture of 35% Western Wheatgrass, 35% Slender Wheatgrass, 15% Bluebunch Wheatgrass, 10% Green Needlegrass, and 5% Lewis Blue Flax. If drilled the rate will be 8#/acre, but if broadcast seeded the rate will be 16#/acre.

A review of Natural Heritage data through the NRIS was conducted for the project area and no species of concern were reported.

#### 8. TERRESTRIAL, AVIAN AND AQUATIC LIFE AND HABITATS:

*Consider substantial habitat values and use of the area by wildlife, birds or fish. Identify cumulative effects to fish and wildlife.*

The area is not considered critical wildlife habitat. However, this tract provides habitat for a variety of big game species (mule deer, whitetail deer, pronghorn antelope), predators (coyote, fox, badger), upland game birds (sharp tail grouse, Hungarian partridge), other non-game mammals, raptors and various songbirds. The proposal does not include any land use change which would yield changes to the wildlife habitat. The proposed action will not impact wildlife forage, cover, or traveling corridors. Nor will this action change the juxtaposition of wildlife forage, water, or hiding and thermal cover. Wildlife usage is expected to return to "normal" (pre-action usage)

following the installation of the buried fiber optic cable. The proposed action will not have long-term negative effects on existing wildlife species and/or wildlife habitat.

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**9. UNIQUE, ENDANGERED, FRAGILE OR LIMITED ENVIRONMENTAL RESOURCES:**

*Consider any federally listed threatened or endangered species or habitat identified in the project area. Determine effects to wetlands. Consider Sensitive Species or Species of special concern. Identify cumulative effects to these species and their habitat.*

There are no threatened or endangered species, sensitive habitat types, or other species of special concern associated with the proposed project area. At this time, no known unique, endangered, fragile or limited environmental resources have been identified within the proposed project area.

A review of Natural Heritage data through the NRIS was conducted for T37N, R2E: There were 6 species of concern. Birds-Ferruginous Hawk, Chestnut-collared Longspur, McCowan's Longspur, Brewers Sparrow, Hoary Bat, and Little Brown Myotis.

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**10. HISTORICAL AND ARCHAEOLOGICAL SITES:**

*Identify and determine effects to historical, archaeological or paleontological resources.*

A Class I (literature review) level review was conducted by the DNRC staff archaeologist for the area of potential effect (APE). This entailed inspection of project maps, DNRC's sites/site leads database, land use records, General Land Office Survey Plats, and control cards. The Class I search revealed that no cultural or paleontological resources have been identified in the Area of Potential Effect (APE). Additionally, DNRC's Conrad Unit Manager, Erik Eneboe, walked the proposed cable routes on state land but identified no cultural or paleontologic resources in the APE. No additional archaeological investigative work will be conducted in response to this proposed development. However, if previously unknown cultural or paleontological materials are identified during project related activities, all work will cease until a professional assessment of such resources can be made.

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**11. AESTHETICS:**

*Determine if the project is located on a prominent topographic feature, or may be visible from populated or scenic areas. What level of noise, light or visual change would be produced? Identify cumulative effects to aesthetics.*

Installation of the buried fiber optic cable will not affect the aesthetics of the land in any way as it will not be visible.

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**12. DEMANDS ON ENVIRONMENTAL RESOURCES OF LAND, WATER, AIR OR ENERGY:**

*Determine the amount of limited resources the project would require. Identify other activities nearby that the project would affect. Identify cumulative effects to environmental resources.*

The demand on environmental resources such as land, water, air, or energy will not be affected by the proposed action. The proposed action will not consume resources that are limited in the area. There are no other projects in the area that will affect the proposed project.

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**13. OTHER ENVIRONMENTAL DOCUMENTS PERTINENT TO THE AREA:**

*List other studies, plans or projects on this tract. Determine cumulative impacts likely to occur as a result of current private, state or federal actions in the analysis area, and from future proposed state actions in the analysis area that are under MEPA review (scoped) or permitting review by any state agency.*

There are no other projects or plans being considered on the tract listed on this EA.

#### IV. IMPACTS ON THE HUMAN POPULATION

- *RESOURCES* potentially impacted are listed on the form, followed by common issues that would be considered.
- Explain **POTENTIAL IMPACTS AND MITIGATIONS** following each resource heading.
- Enter "NONE" if no impacts are identified or the resource is not present.

##### 14. HUMAN HEALTH AND SAFETY:

*Identify any health and safety risks posed by the project.*

The proposed project will not change human safety in the area.

##### 15. INDUSTRIAL, COMMERCIAL AND AGRICULTURE ACTIVITIES AND PRODUCTION:

*Identify how the project would add to or alter these activities.*

The results of this project will not affect the industrial, commercial, or agricultural activities or production in the area.

##### 16. QUANTITY AND DISTRIBUTION OF EMPLOYMENT:

*Estimate the number of jobs the project would create, move or eliminate. Identify cumulative effects to the employment market.*

This project will not create any new jobs, as the project will be completed in house by the proponent.

##### 17. LOCAL AND STATE TAX BASE AND TAX REVENUES:

*Estimate tax revenue the project would create or eliminate. Identify cumulative effects to taxes and revenue.*

The proposed action will add to the tax revenue.

##### 18. DEMAND FOR GOVERNMENT SERVICES:

*Estimate increases in traffic and changes to traffic patterns. What changes would be needed to fire protection, police, schools, etc.? Identify cumulative effects of this and other projects on government services*

This project is of a small scale and being funded by Northern Telephone Cooperative, Inc. There will be no excessive stress placed on the existing infrastructure of the area.

##### 19. LOCALLY ADOPTED ENVIRONMENTAL PLANS AND GOALS:

*List State, County, City, USFS, BLM, Tribal, and other zoning or management plans, and identify how they would affect this project.*

The proposed action is in compliance with State and County laws. No other management plans are in effect for the area.

##### 20. ACCESS TO AND QUALITY OF RECREATIONAL AND WILDERNESS ACTIVITIES:

*Identify any wilderness or recreational areas nearby or access routes through this tract. Determine the effects of the project on recreational potential within the tract. Identify cumulative effects to recreational and wilderness activities.*

This proposed project area is adjacent to county roads. The tracts are legally accessible and the proposed action is not expected to impact general recreational and wilderness activities on this state tract.

##### 21. DENSITY AND DISTRIBUTION OF POPULATION AND HOUSING:

*Estimate population changes and additional housing the project would require. Identify cumulative effects to population and housing*

The proposal does not include any changes to housing or developments.

No direct or cumulative effects to population or housing are anticipated.

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**22. SOCIAL STRUCTURES AND MORES:**

*Identify potential disruption of native or traditional lifestyles or communities.*

There are no native, unique, or traditional lifestyles or communities in the vicinity that would be impacted by the proposal.

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**23. CULTURAL UNIQUENESS AND DIVERSITY:**

*How would the action affect any unique quality of the area?*

The proposed action will not impact the cultural uniqueness or diversity of the area.

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**24. OTHER APPROPRIATE SOCIAL AND ECONOMIC CIRCUMSTANCES:**

*Estimate the return to the trust. Include appropriate economic analysis. Identify potential future uses for the analysis area other than existing management. Identify cumulative economic and social effects likely to occur as a result of the proposed action.*

The school trust beneficiaries will receive compensation for the easement incumbrancers based on fair market value. The proposed action will provide upgraded telephone and internet services to northern Toole County rural residents

<b>EA Checklist Prepared By:</b>	<b>Name:</b> Erik Eneboe	<b>Date:</b> June 20, 2018
	<b>Title:</b> Conrad Unit Manager, Conrad Unit, Central Land Office	

## V. FINDINGS

### 25. ALTERNATIVE SELECTED:

Alternative B - Grant Northern Telephone Cooperative, Inc. the requested easements and permission to install the buried fiber optic cables.

### 26. SIGNIFICANCE OF POTENTIAL IMPACTS:

No significant impacts

### 27. NEED FOR FURTHER ENVIRONMENTAL ANALYSIS:

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EIS

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More Detailed EA

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No Further Analysis

<b>EA Checklist Approved By:</b>	<b>Name:</b> Martin Balukas
	<b>Title:</b> Trust Lands Program Manager, CLO, DNRC
<b>Signature:</b> 	
<b>Date:</b> 6/22/13	